3191 St. So.
W. Lot | Blk | Commerce Ind. Park, 2nd Amend. To W. Valley Co.
Project No. Proj. 5740079
Project Length 1305 Ft.

Preliminary Estimate — 6-30-4 Drives

Property — 240 Ft.

✓	4440	SY	8" Subbase	✓	7.5	✓ 33300
✓	1710	LF	Integral Curb	✓	11.5	✓ 19665
✓	53800	LY	Borrow	✓	4.00	✓ 215200
✓	4650	SY	Manipulation	✓	.90	✓ 4185
✓	1200	CY	Excavation	✓	1.25	✓ 1500
✓	1590	CY	Compacted Fill	✓	1.25	✓ 1987 50
✓	7350	CY	Compacted Fill	✓	1.00	✓ 7350
✓	23745	SF	Reinforcing Steel	✓	.115	✓ 5577 50
✓	4850	LF	6" Drives	✓	.115	✓ 5577 50
✓	210	LF	Separate Curb	✓	.130	✓ 27300
✓	1245	LF	Key Joint	✓	.140	✓ 4918
✓	60	Tons	Lime or Cement	✓	55.00	✓ 3300 00
✓	775	SY	Pavement Removed	✓	1.75	✓ 1356 25
✓	835	LF	Sand Joint	✓	.080	✓ 2400 00
✓	75	LF	RR Removed	✓	2.00	✓ 150 00

45000

SUBTOTAL (Property) — $ 81,110.75

City

✓	150	Tons	Asphaltic Concrete Hookup	✓	1000	✓ 150000
✓	235	SY	Manipulation	✓	1.70	✓ 211 50
✓	15	CY	Excavation	✓	1.25	✓ 18 75
✓	200	CY	Compacted Fill	✓	1.25	✓ 250 00
✓	3	Tons	Lime or Cement	✓	55.00	✓ 165 00
✓	45	SY	Pavement Removed	✓	1.75	✓ 78 75
✓	110	LF	Sand Joint	✓	.080	✓ 88 00

SUBTOTAL (City) — $ 2087 00

SUBTOTAL (All) — $ 83,197.75

+ Engineering 11.0 %	✓	9041 75
+ Administration 12 %	✓	12 237
+ Publication	✓	600 00
TOTAL		$ 92,077 43

Incidental Drainage in Conjunction w/ Indus. Blvd. & So.
W. Lot | Blk | Commerce Ind. Park, 2nd Amend. To W. Valley Co.
Project No. Proj. 5740079
Project Length 1305 Ft.

Preliminary Estimate

✓	2	2'x5'	Inlets	✓	350 00	✓ 700 00
✓	175	LF	15" RCP	✓	120 00	✓ 21000
✓	175	LF	Trench	✓	1.00	✓ 175 00
✓	175	LF	Sand	✓	0.75	✓ 131 25

SUBTOTAL — $ 1,156.25

+ 12% Engr. — ✓ 138 75
+ 1.5% Admin — ✓ 17 34
+ Publication — ✓ 200 00

TOTAL — $ 1,512.34

Not near enough money to pave this street
There's no escalator in the resolution.

Project abandoned Feb. '83

(sewer plan started for this area, Feb. '83)

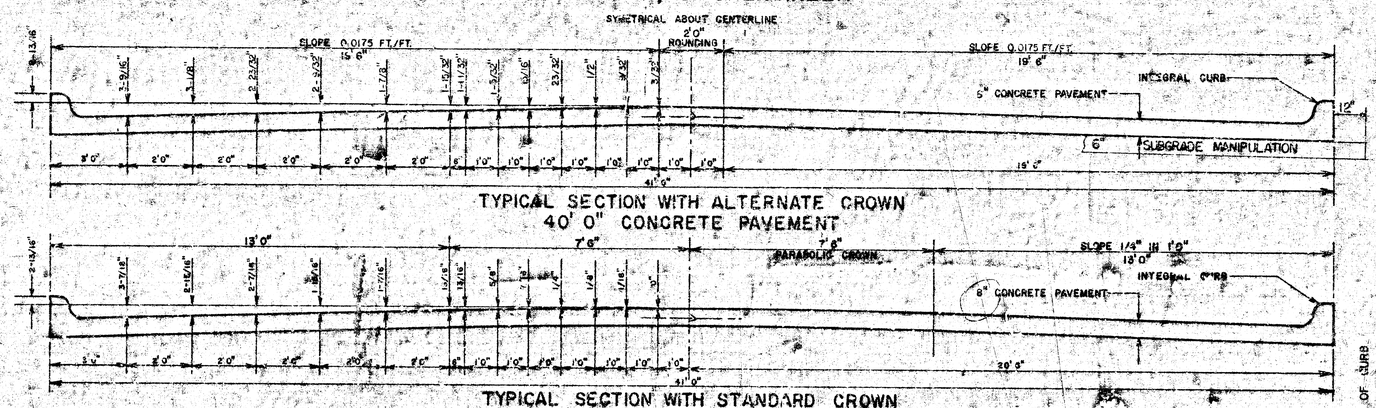
31ST STREET SO.

W.L. LOT 1, BLK. 1, COMMERCE IND. PARK, 2ND ADDITION TO W. L. WEST ST.
PROJ. NO. DAKS 574079
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER

SAWED CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 30' 0" INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED.



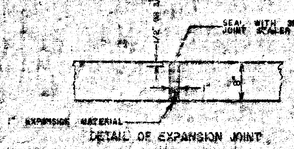
DETAIL OF SAWED CONTRACTION AND LONGITUDINAL JOINTS



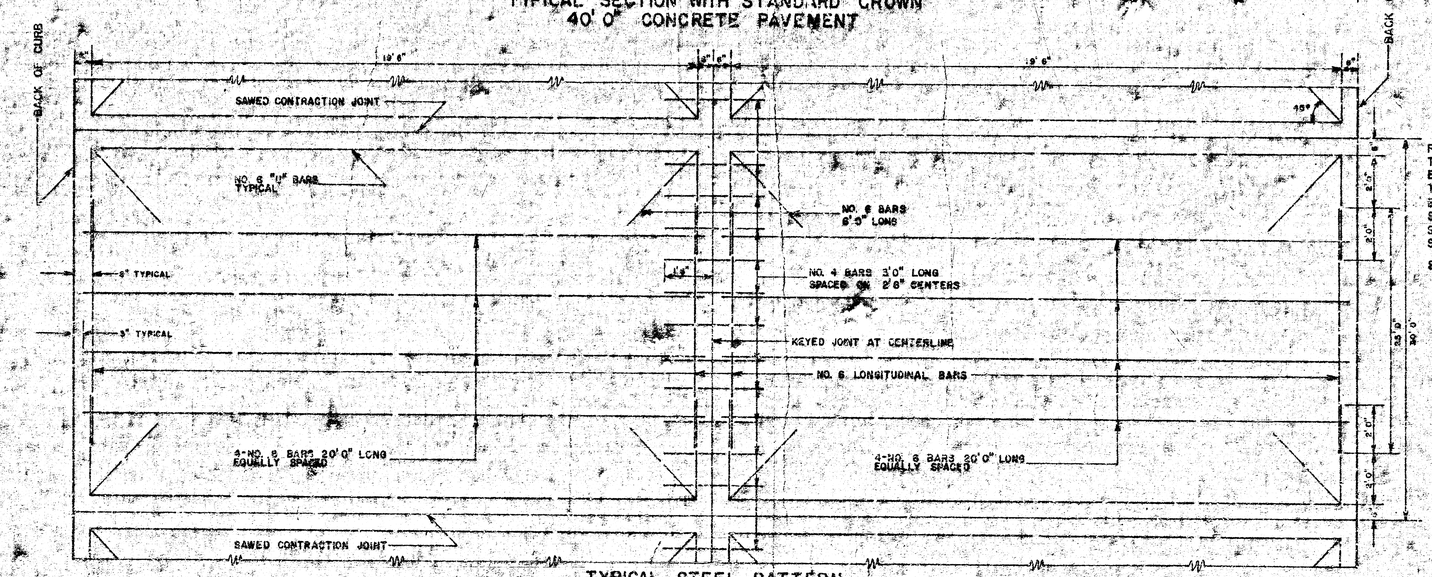
TYPICAL SECTION WITH ALTERNATE CROWN
40' 0" CONCRETE PAVEMENT

TYPICAL SECTION WITH STANDARD CROWN
40' 0" CONCRETE PAVEMENT

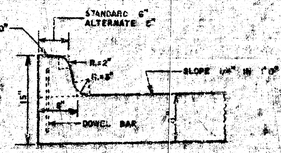
EXPANSION JOINTS ARE TO BE CONSTRUCTED AT MAXIMUM INTERVALS OF 120' 0".



DETAIL OF EXPANSION JOINT



TYPICAL STEEL PATTERN



DETAIL OF INTEGRAL CURB

INTEGRAL CURB SHALL BE CUT THROUGH TO THE PAVEMENT IN UNIFORM LENGTHS OF NOT MORE THAN TEN FOOT INTERVALS BETWEEN EXPANSION JOINTS. EXPANSION JOINTS HAVING THE SAME THICKNESS AS THE EXPANSION JOINTS IN THE PAVEMENT SHALL BE CONSTRUCTED IN THE INTEGRAL CURB AT THE SPECIFIED LOCATIONS. NUMBER 4 OR NUMBER 6 DOWELS SHALL BE INSTALLED IN THE INTEGRAL CURB AS SHOWN ON APPROXIMATELY 2' 6" CENTERS.
PAVEMENT GRADES SHOWN ON PLANS ARE FOR STANDARD CROWN.

BASELINE IS CTR. LINE 31ST ST. SO.

B.M. 102.71' N.W. Cor. Conc. Wlk. N. Side Carlson Shippers Supply Co. Bldg. N. Entrance at 31st St. So. E Mo.-Pac. R. Road W. of West St.

B.M. 101.45' R.R. Spk. S. Side P. Pole, N. Side 31st St. at Sta. 7+00.

B.M. 103.47' City Std. at West St. & 31st St. So. 53' E. & 44' S. of Both ℄.

0+00 0+50 1+00 P.C. 1+25 1+50 P.I. ELEV. 102.00 V.C. 1+75 2+00 P.T. 2+25 2+50 3+00 3+50 4+00 4+50 5+00 5+50

-2.4355 %

+0.2167 %

+0.4 Wk. Gr.

0+57.5

1+05.76

SCALE 1" = 20'

50'

DRAINAGE EASEMENT

17'

17'

INTEGRAL CURB

6" CONCRETE PAVEMENT

31 ST

ST.

SO.

INTEGRAL CURB

8" AC. WATER LINE

REINF. CONST.

REMOVE CONC. CURB & GUTTER

MO. PAC. R.W.

CONSTRUCTION TO ALLOW FOR 4-30 DEGREE 2 in. 1+2.5 RAD. & 2 - 22.5 R.H.

6" PAVE CURB PER STD. DWG.

50'

1+25 P.C.

1+50

1+75

2+00

2+25 P.T.

-2.4481 %

+.07 Wk. Gr.

+0.2167 %

P.I. ELEV. 102.00 100' V.C.

NOTE: SHALLOW FILL OVER 15" R.C.P. USE CAUTION IN PIPE CONSTRUCTION.

REINF. STEEL PLAN
INDUSTRIAL DRIVES - 10' RADIUS
SCALE 1" = 10'

#3 BARS @ 5 1/2" CTRS.

30' (MAX.)

#4 BARS @ 4" CTRS.

#4 BARS 10' LG.

#4 BARS 24" LG. @ 4' CTRS.

CALCULATED MANIPULATION

CITY	PROPERTY
2275 S.Y.	4520.5 S.Y.

INDICATES REMOVAL

INDICATES 2'-15' INLET BY "OTHERS".

EARTHWORK QUANTITIES

	CITY		PROPERTY		
	COMP. FILL	EXC.	COMP. FILL	TOPSOIL	EXC.
	12 C.Y.	120 C.Y.	1446.6 C.Y.	4446 C.Y.	107.1 C.Y.
	+20% = —	+ 10% 12 = —	+ 10% 144.6 = —	+ 20% 889.2 = —	+ 10% 10.8 = —
	1.5 C.Y.	13.2 C.Y.	1590.2 C.Y.	5335.2 C.Y.	118.8 C.Y.

Thuld. M.E.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

NOTE TO RSLD ENGINEER & CONTRACTOR

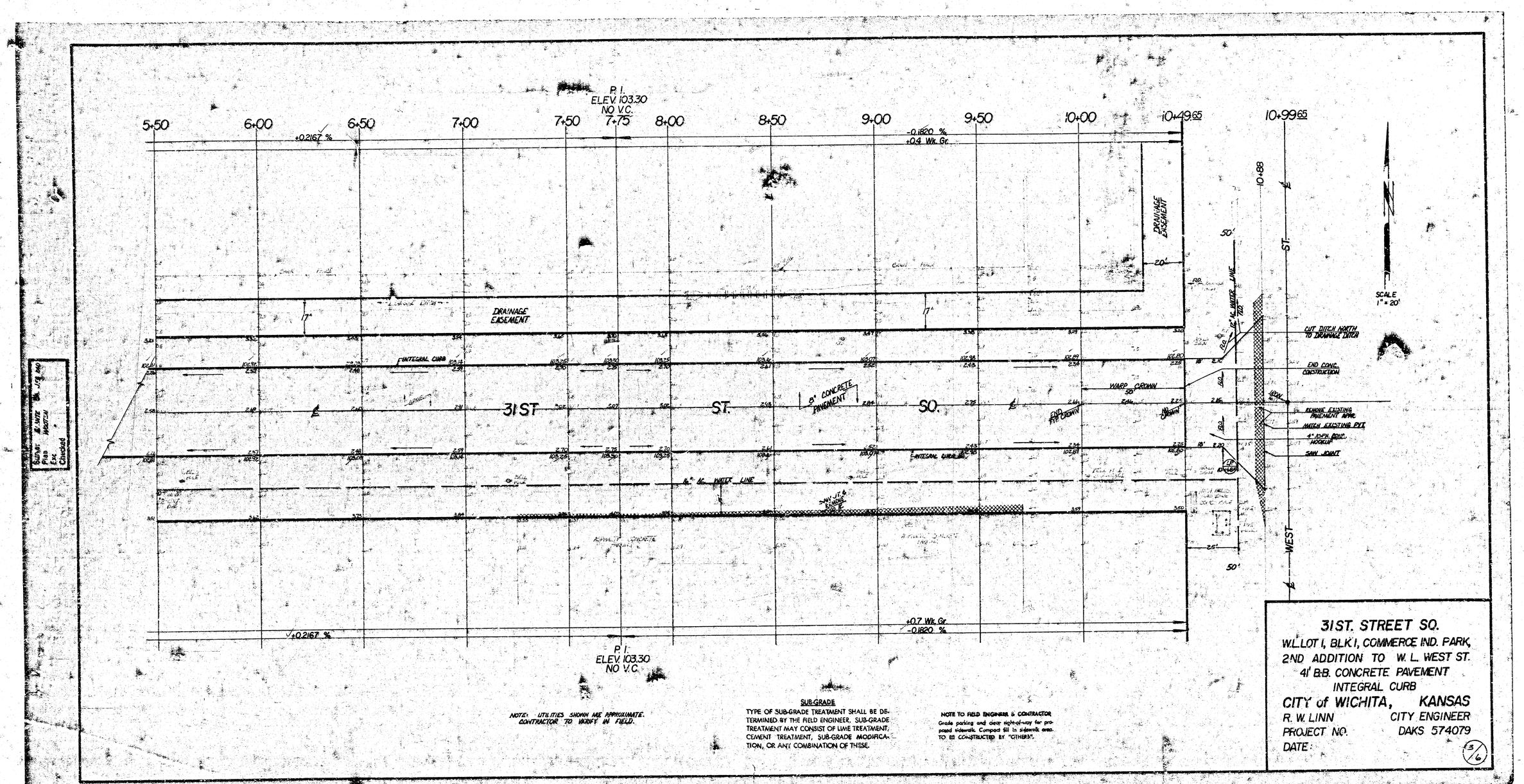
Grade parking and door right-of-way for proposed sidewalk. Compact fill in sidewalk area TO BE CONSTRUCTED BY "OTHERS".

Sht. No. Sht. Plan Prof. Cross Sects.

31ST STREET SO.

W.L. LOT 1, BLK. 1, COMMERCE IND. PARK 2ND ADDITION TO W. L. WEST ST.
41' B-B CONCRETE PAVEMENT
INTEGRAL CURB
CITY of WICHITA, KANSAS
P. W. LINN CITY ENGINEER
PROJECT NO. DAKS 574079
DATE:

2/6



NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY IN FIELD.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

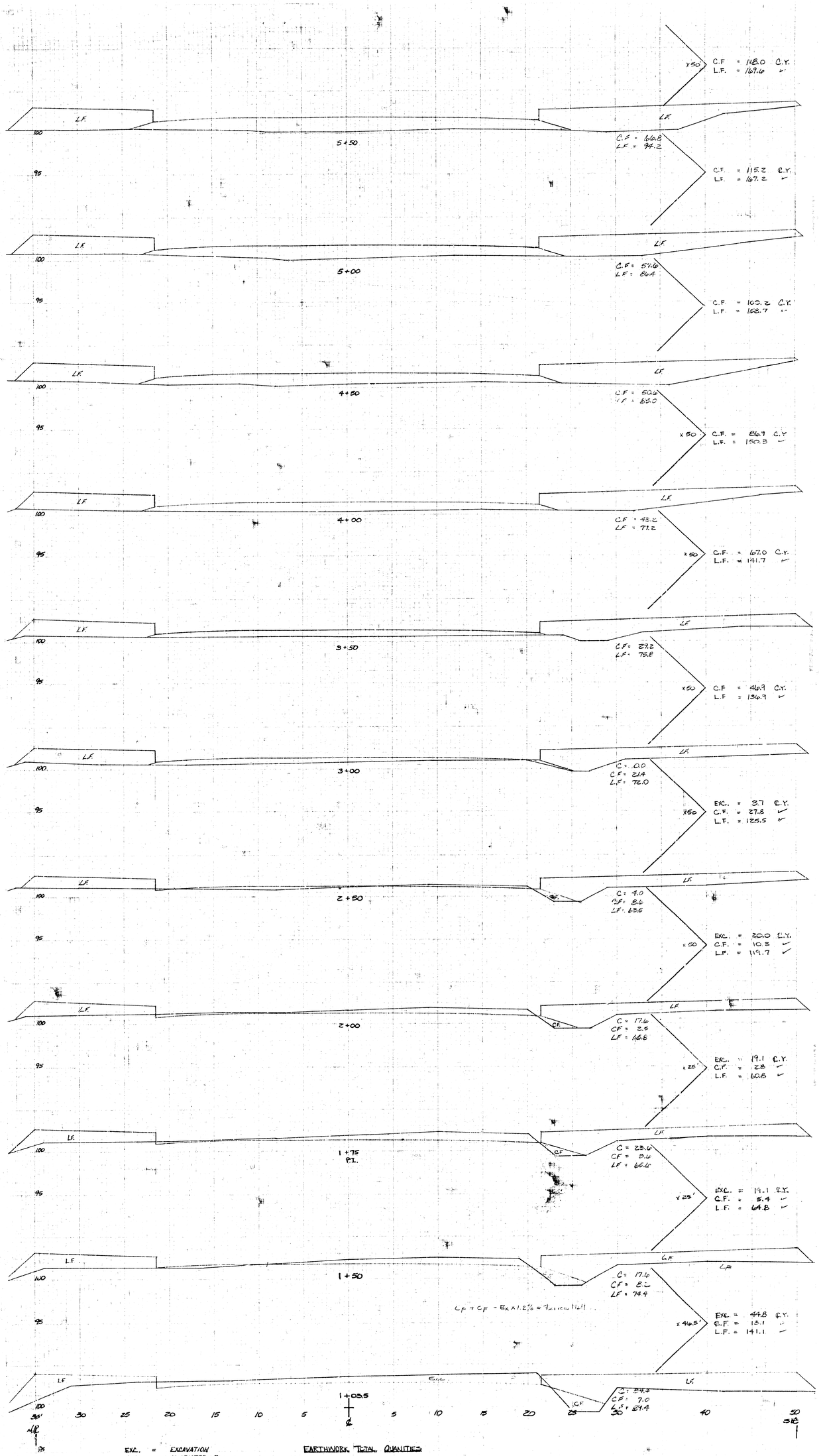
NOTE TO FIELD ENGINEER & CONTRACTOR

Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

31ST. STREET SO.

W.L. LOT 1, BLK 1, COMMERCE IND. PARK, 2ND ADDITION TO W. L. WEST ST.
41' B-B. CONCRETE PAVEMENT
INTEGRAL CURB
CITY of WICHITA, KANSAS
R. W. LINN CITY ENGINEER
PROJECT NO. DAKS 574079
DATE:

3/6



EXC. = EXCAVATION
C.F. = COMPACTED FILL
L.F. = LOOSE FILL.

EARTHWORK TOTAL QUANTITIES

PROPERTY	EXC.	= 107.7	C.Y.
	C.F.	= 1995.6	
	L.F.	= 3147.1	
CITY	EXC.	= 12.0	C.Y.
	C.F.	= 1.2	
	L.F.	= 0.7	

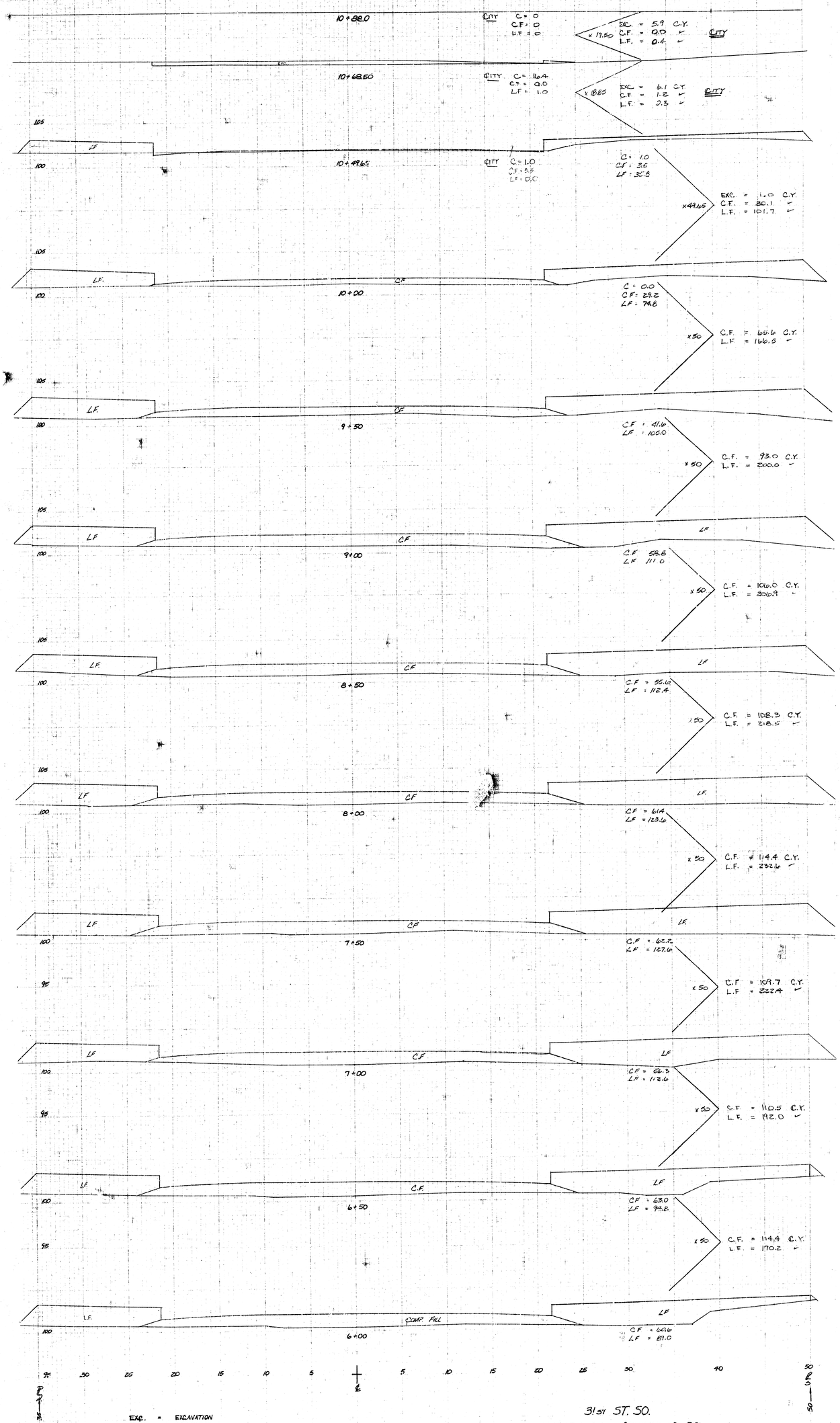
31ST ST SO.

W.L. LOT 1, BLK. 1, COMMERCE IND. PARK TO W.L. WEST ST.

PROJECT NO. — DNR 574079

DATE:

4/6



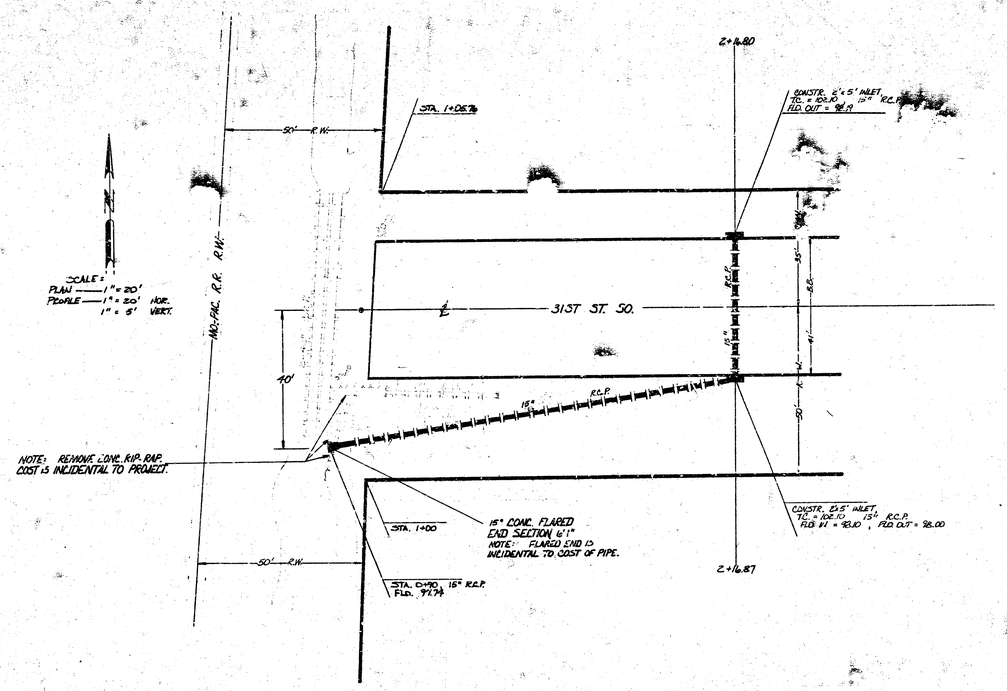
EXC. = EXCAVATION
C.F. = COMPACTED FILL
L.F. = LOOSE FILL

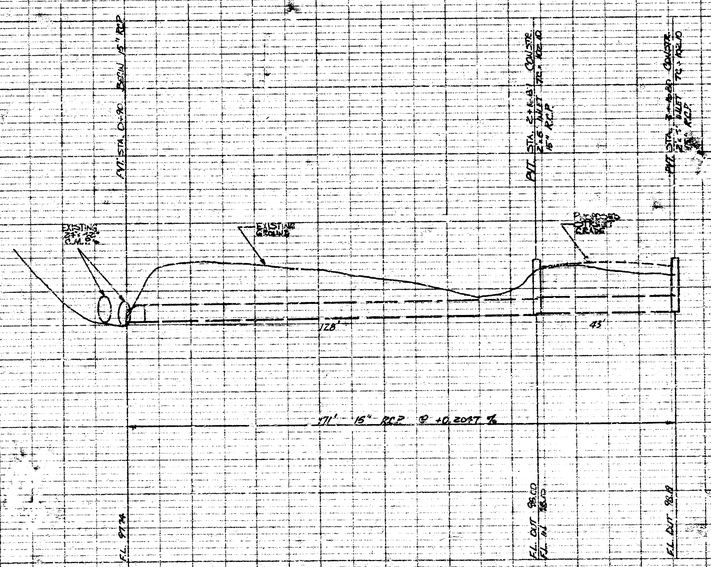
31ST ST. SO.

W. L. LOT 1, BLK. 1, COMMERCE IND. PARK. 2ND ADDITION TO W. L. WEST ST.

PROJECT NO. DMG 5741.19

DATE:





DRAINAGE
IN CONNECTION WITH PAVING
31ST. STREET SO.
CITY of WICHITA, KANSAS
R. W. LINN CITY ENGINEER
PROJECT NO. DAKS 574079
DATE:
Indexed 10-87 Keep in Files
6/6

K+E PLATE I, PLAN-PROFILE
KEUFFEL & ESSER CO.
48 7023 MADE IN U.S.A.

PL 1 of 3